

2011 Governor's Award for Pollution Prevention

Monadnock Paper Mills - Bennington

Monadnock Paper Mills has manufactured premium, high performance papers since 1819. The company is truly committed to Pollution Prevention (P2), winning the P2 Award in 1998, again in 2006, and an honorable mention in 2007. Efforts for waste reductions to earn the 2011 Award include:

- Establishing a water conservation team that focused on two projects to reduce their annual water use by 10 million gallons.
- Improving boiler efficiency to reduce oil use by 77,500 gallons of oil per year.
- Redesigning the storage system for short paper fiber which is a by-product of the papermaking process. Motors and hoists were eliminated, saving 6,200 kWh and the number of trucks needed to haul short paper fiber to be reclaimed was reduced by 30 percent for a savings of \$8,000 annually.
- Installing a sludge sled, to remove over 50,000 dry pounds of materials from the wastewater lagoons that was previously sent to a landfill, mix it with the short paper fiber and sent it to be added to sand and compost to create manufactured topsoil. The short paper fiber waste is also used for animal bedding and to build organic matter in agricultural soils.



Left to Right: Mark Lombardi, Mike Butler, Governor Lynch & Commissioner Burack

Annual Savings

Water:	10 Million Gallons
Fuel:	77,500 gallons, reducing 8 tons of SO ₂ , 2 tons of NO _x , and .5 tons of CO ₂
Waste Reduction/Reuse:	50,000 dry pounds paper
Energy:	6200 kWh & \$8,000